

### ABSTRACT OF THE DISCLOSURE

A system and method for assessing the probability of success of business transactions by a software application that will interact with one or more other software applications in a target computer environment. Known defect data is gathered for each software application that constitutes a portion of the business transaction as it runs in the target environment, analyzed in view of the other software applications and the target computer environment, and then a transaction failure rate is predicted for the business transaction operating within the computer environment.

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